Specification

MP3200iec

Operating Environment	
Ambient Temperature	0 °C to 55 °C
Humidity	max. 95% RH (non condensing)
Storage Temperature	-25 °C to 85 °C
Altitude	2,000 m above sea level or lower
Pollution Level	Conforms to JIS B 3502 Pollution Degree 1
Corrosive Gas	There must be no combustible or corrosive gas

Mechanical Conditions	
Vibration Resistance	Conforming to JIS B 3502:
	10 to 57 Hz with single amplitude of 0.075 mm
	57 to 150 Hz with fixed acceleration of 9.8 m/s²
	10 sweeps each in X, Y, and Z directions (sweep time: 1 octave/min.)
Shock Resistance	Size of shock: Peak acceleration of 147 m/s² (15 G)
	Duration: 11 ms 3 times each in the X, Y, and Z directions

Electrical Conditions	
Noise Resistance	Conforming to EN 61000-6-2, EN 55011 (Group 1, Class A)
	Power supply noise (FT noise): 2 kV min., for one minute
	Radiation noise (FT noise): 1 kV min., for one minute
Ground	Ground to 100 Ω max.
Cooling Method	Natural cooling or forced-air cooling

Contoller Details	
CPU Speed	1 GHz PowerPC
Number of option module slots	0, 3, 5 or 8
User Variable Memory	52 MB
Power Unit	Input Voltage: Two options available: 24 VDC or 100/200 VAC
	Input Current: DC power: 5.0A, AC power: 4.0A (at rated input/output fully loaded with option cards)
	Battery: Battery for memory retention attachable at the bottom of the CPU unit
Motion Network	MECHATROLINK-III: 1 channel, 2 connectors
	SERVOPACK and I/O for up to 62 slave nodes connectable (SERVOPACK for up to 62 axes)
	Baud rate: 100 Mbps (MECHATROLINK-III)
Communication Function	Ethernet: 10Base-T or 100Base-TX
Ethernet Protocols	Ethernet/IP and Modbus TCP/IP standard on all units, User specific protocols can be written using Y_DeviceComm firmware library
Software	MotionWorks IEC Express
	MotionWorks IEC Pro